



Industrial de Valvulas, S.A. de C.V.
 Av. de La Industria Lote 16 Fracc. Industrial El Trebol
 Tepotzotlan, Estado de Mexico C.P. 54600

(Numero) Number
 (Fecha) Date

V11C15276
 30/03/2012

QUALITY ASSURANCE CERTIFICATE OF COMPLIANCE

(ACCORDING TO EN10204 TYPE 3.1)

ASEGURAMIENTO DE CALIDAD CERTIFICADO DE CUMPLIMIENTO

WE CERTIFY THAT THE PRODUCT LISTED BELOW WAS DESIGNED, MANUFACTURED AND TESTED ACCORDING TO OUR QUALITY SYSTEM AND REQUIREMENTS GIVEN IN ONE OR MORE OF THE FOLLOWING STANDARDS LAST EDITION:

(CERTIFICAMOS QUE EL PRODUCTO LISTADO ABAJO FUE DISEÑADO, FABRICADO Y PROBADO DE ACUERDO CON NUESTRO SISTEMA DE CALIDAD Y CON REQUISITOS ESTABLECIDOS EN UNO O MAS DE LOS SIGUIENTES ESTANDARES ULTIMA EDICIÓN.)

API 598 - VALVE INSPECTION AND TESTING
 API 599 - METAL PLUG VALVES - FLANGED, THREADED AND WELDING
 ANSI B16-10 - FACE TO FACE AND END TO END DIMENSIONS OF VALVES
 ANSI B16-34 - VALVES - FLANGED, THREADED AND WELDING ENDS
 MSS-SP61 - PRESSURE TESTING OF STEEL VALVES

API 6D - PIPELINE VALVES - GATE, PLUG, BALL AND CHECK
 API 600 - STEEL GATE VALVES, FLANGED AND WELDING ENDS
 ANSI B16-11 - FORGED FITTINGS, SOCKET - WELDING AND THREADED
 API 602 - COMPACT STEEL GATE VALVES - FLANGED, THREADED, WELDING AND EXTENDED - BODY ENDS

Part No. **AC022A08MAA8300000**
 (Código) **2 1/2" Fig. 5206 F UT WCB, API TRIM No.8 830000**
 Description **CAST STEEL GATE VALVE 300 CLASS**
 Descripción **(VALVULA COMPUERTA DE ACERO FUNDIDO CLASE 300)**

VALVE WITH LOW EMISSION CONTROL (50 PPM'S MAX.) (VALVULA SUMINISTRADA CON CONTROL DE BAJAS EMISIONES FUGITIVAS (50 PPM'S MAX.))

PRESSURE TEST (PRUEBAS DE PRESION)	SHELL (CASCO)	BACK (SEAT)	SIDE (LADO)	
			1	2
HYDROSTATIC (PSI) (HIDROSTATICA)	1125	1125	NA	NA
PNEUMATIC (PSI) (NEUMATICA)			80	80

MECHANICAL TESTS (PROP. MECANICAS)

CHEMICAL COMPOSITION (%)

COMPOSICIÓN QUIMICA (%)

ITEM (PARTE)	HEAT No. (COLADA)	MATERIAL (ASTM)	CHEMICAL COMPOSITION (%)											MECHANICAL TESTS (PROP. MECANICAS)						
			C	Mn	P	S	Si	Ni	Cr	Mo	Cu	V	Cb	TENS KPSI CVN2	YIELD KPSI 1ST	ELG %	RED %	BHN AVG		
BODY CUERPO	WH11839	ASTM A-216/WCB	0.192	0.830	0.036	0.015	0.390	0.039	0.039	0.038	0.078	0.002								
BONNET BONETE	WH17355	ASTM A-216/WCB	Normalized to (Normalizado a) 930 °C			Temper to (Temple a) 650 °C			Cooled in air. (Enfriado en aire.)			76.13	50.03	28	47	167				
WEDGE DISCO	WH35947	ASTM A-216/WCB	0.205	0.919	0.025	0.013	0.444	0.056	0.077	0.022	0.025	0.005								
			Normalized to (Normalizado a) 930 °C			Temper to (Temple a) 650 °C			Cooled in air. (Enfriado en aire.)			74.09	45.82	32	58	157				
			0.204	0.961	0.022	0.012	0.470	0.010	0.016	0.001	0.027	0.002								
			Normalized to (Normalizado a) 930 °C			Temper to (Temple a) 650 °C			Cooled in air. (Enfriado en aire.)			80.33	50.17	28	54	154				

FAC10-21 REV 3

CERTIFICADO POR: ASEGURAMIENTO DE CALIDAD
 CERTIFIED BY: QUALITY ASSURANCE


 Jessica Garcia